Suggested Copy for Lapp Limited in Farnell Catalogue

Neoflex® Flat Cable

(Farnell: Flat Conveyor & Festoon Cable)

Application

NEOFLEX® Flat Cable is a polychloroprene flat cable for application in rooms as well as in the open as a power and control cable in case of average use.

Design

The make-up and the dimensions of Neoflex flat cable is in acc. with following regulations (partly in analogy with them):

Make-up	acc. with V DE 0250 part 809
Conductor	plain copper stranded wire, individual wire diameter: from 1 ,5 mm2 : -0, 15 mm from 6,0 mm2 -0,20 mm from 35 mm2 -0,40 mm
Core insulation	rubber compound 3GI3 acc. with V DE 0207 part 20
Colour code	acc, with VDE 0293
Outer sheath	Polychloroprene compound 5GM3 acc. with V DE 0207 part 21, colour black

Electrical properties at 20° C

Working voltage	300 / 500 V
Test voltage	3000 V AC

Mechanical and thermal properties

Temperature range	for flex. use -25° Cup to +90 C
Minimum bending radius	10 x cable diameter

Cold-impact resistant in acc. with V DE 0472 part 611 in case of -50° C

The individual cores are lying parallel side by side. Between every 2 or 3 cores there is a crosspiece, The green/yellow core is in the middle. The conductor is wrapped to give it a protection against oxidation.

NEOFLEX Flat Cable is flame resistant acc. with V DE 0482 part 265-2-1 (IEC 60332-1).

EC directive This cable confirms to ECD 73/23/EEC (low voltage directive).